

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042822\
 Data File : VY008551.D
 Acq On : 28 Apr 2022 16:33
 Operator : KP/MD
 Sample : N2600-04
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-15D

Quant Time: Apr 29 02:01:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

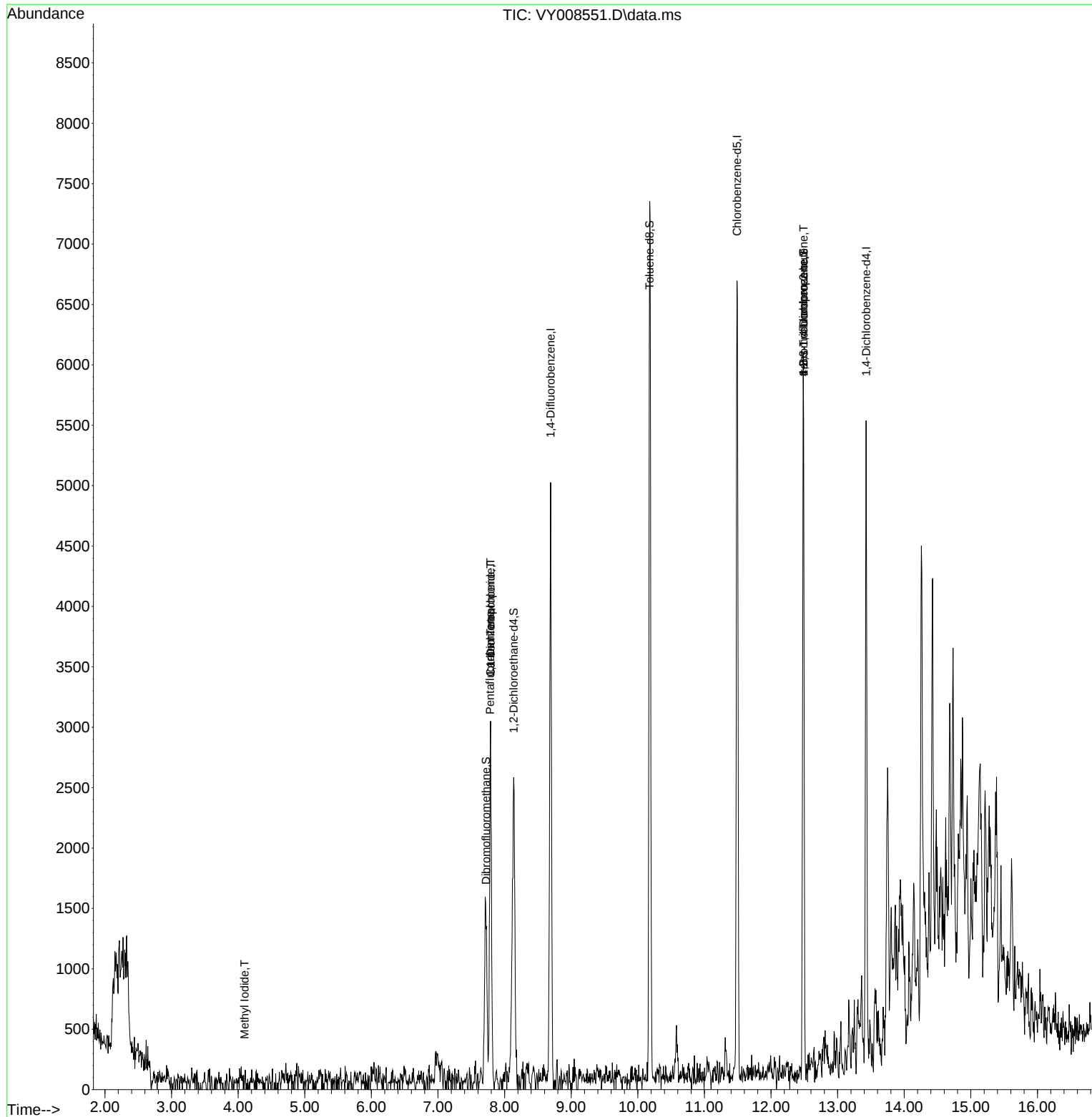
Internal Standards						
1) Pentafluorobenzene	7.783	168	2522	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	4761	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	4052	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1408	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	1683	56.715	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.440%
35) Dibromofluoromethane	7.722	113	1259	40.974	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.940%
50) Toluene-d8	10.179	98	5208	42.855	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	85.720%
62) 4-Bromofluorobenzene	12.489	95	1615	39.033	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	78.060%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.095	142	20	2.200	ug/l #	35
36) 1,1-Dichloropropene	7.789	75	233	4.767	ug/l #	42
38) Carbon Tetrachloride	7.789	117	169	3.328	ug/l #	11
76) 1,2,3-Trichloropropane	12.489	75	879	48.239	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	879	111.909	ug/l #	7

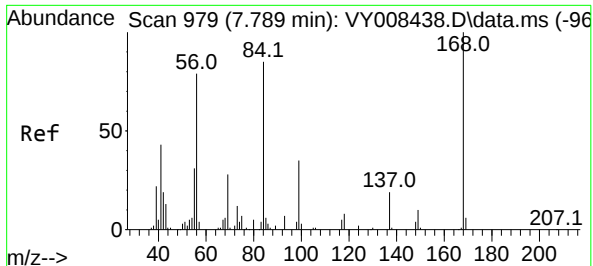
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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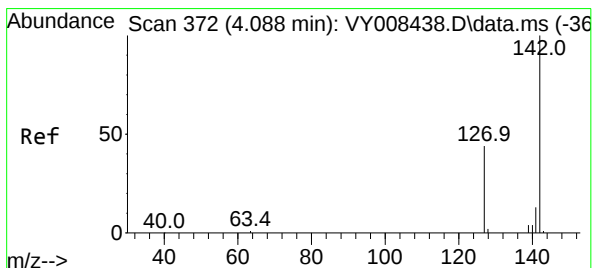
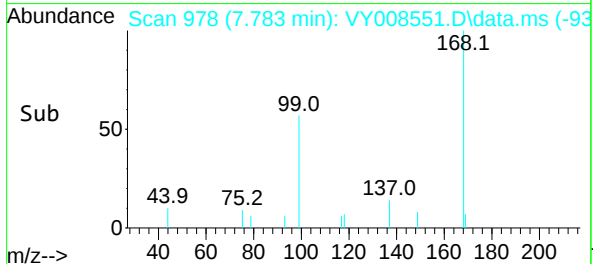
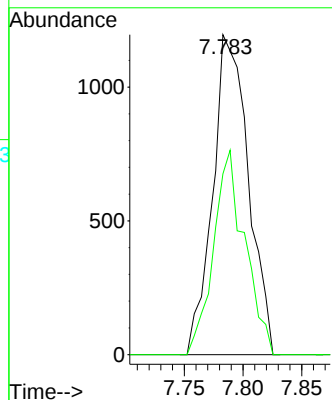
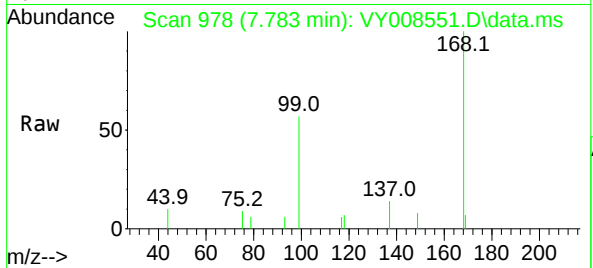




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY008551.D
Acq: 28 Apr 2022 16:33

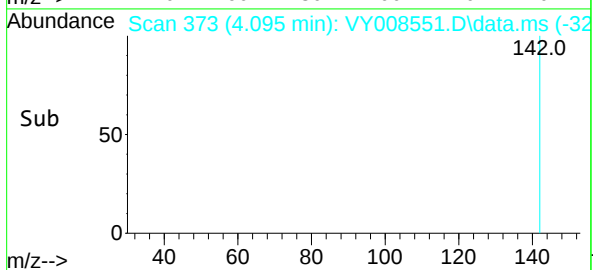
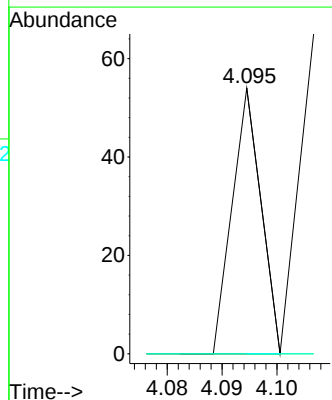
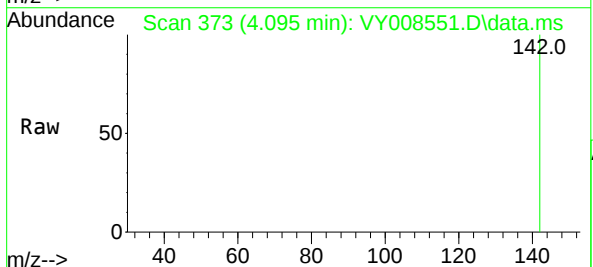
Instrument :
MSVOA_Y
ClientSampleId :
MH-15D

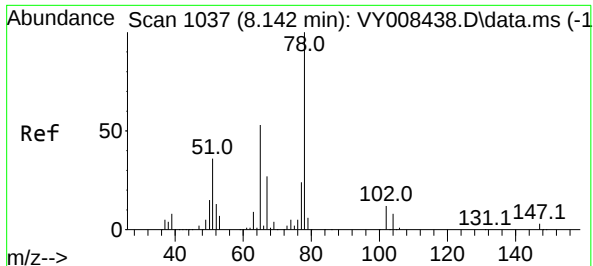
Tgt Ion:168 Resp: 2522
Ion Ratio Lower Upper
168 100
99 56.5 46.9 70.3



#10
Methyl Iodide
Concen: 2.200 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY008551.D
Acq: 28 Apr 2022 16:33

Tgt Ion:142 Resp: 20
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#





#33

1,2-Dichloroethane-d4

Concen: 56.715 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY008551.D

Acq: 28 Apr 2022 16:33

Instrument :

MSVOA_Y

ClientSampleId :

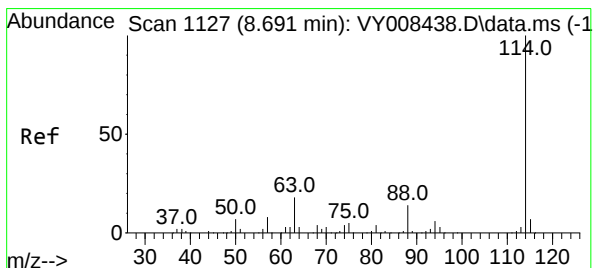
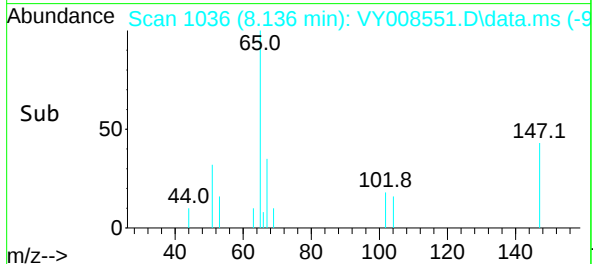
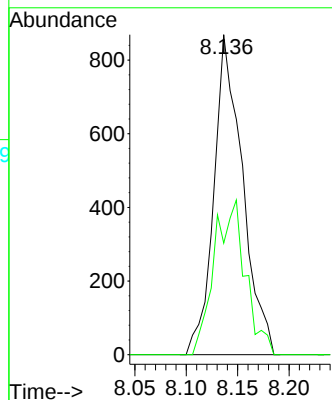
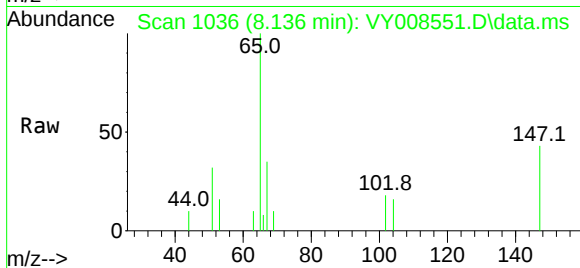
MH-15D

Tgt Ion: 65 Resp: 1683

Ion Ratio Lower Upper

65 100

67 52.7 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008551.D

Acq: 28 Apr 2022 16:33

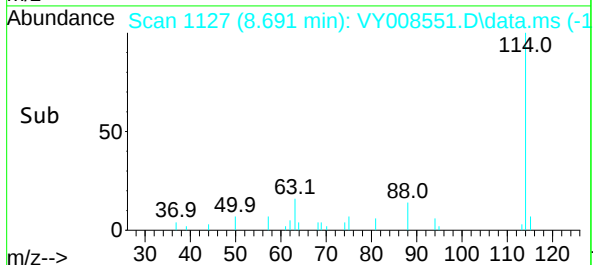
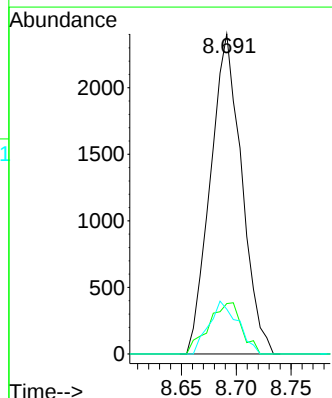
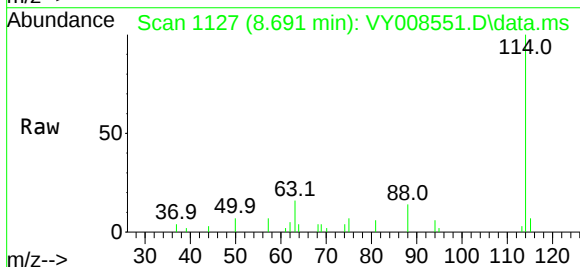
Tgt Ion: 114 Resp: 4761

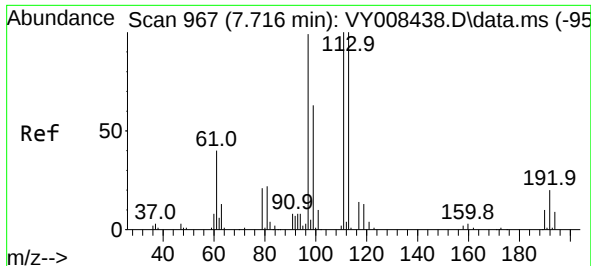
Ion Ratio Lower Upper

114 100

63 15.8 0.0 43.2

88 14.0 0.0 31.8



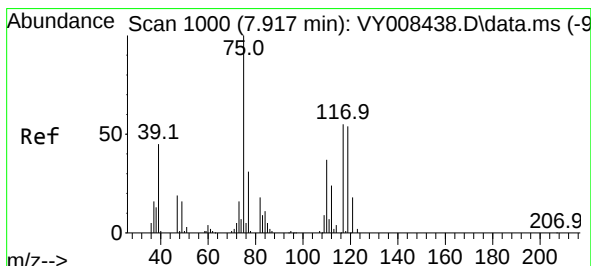
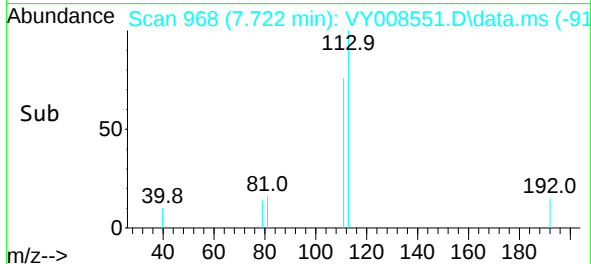
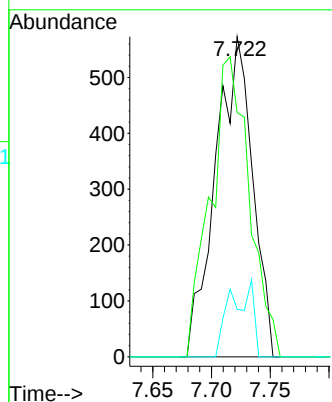
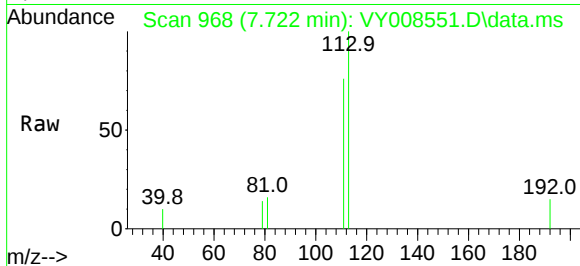


#35
 Dibromofluoromethane
 Concen: 40.974 ug/l
 RT: 7.722 min Scan# 911
 Delta R.T. 0.006 min
 Lab File: VY008551.D
 Acq: 28 Apr 2022 16:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-15D

Tgt Ion: 113 Resp: 1259

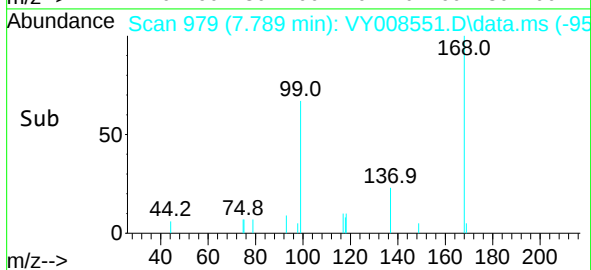
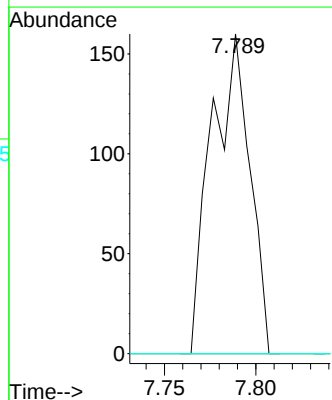
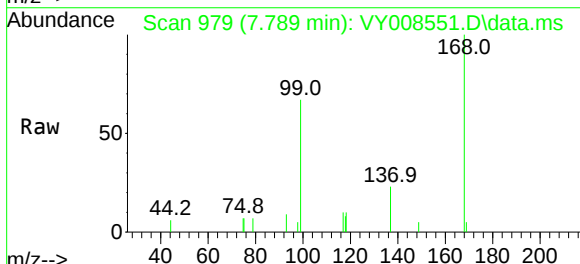
Ion	Ratio	Lower	Upper
113	100		
111	98.3	82.6	124.0
192	14.4	17.6	26.4#

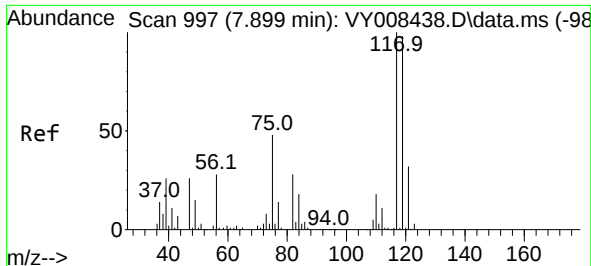


#36
 1,1-Dichloropropene
 Concen: 4.767 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.128 min
 Lab File: VY008551.D
 Acq: 28 Apr 2022 16:33

Tgt Ion: 75 Resp: 233

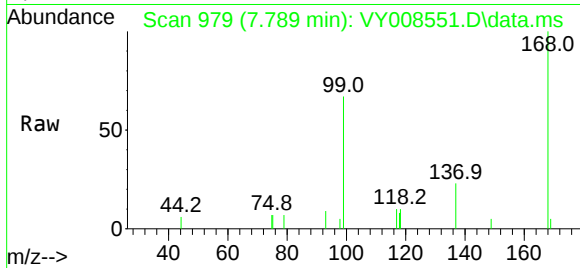
Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.1	51.2#
77	0.0	24.4	36.6#



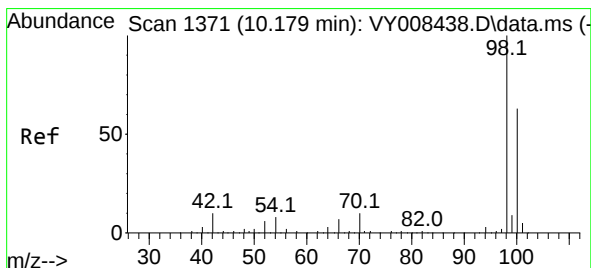
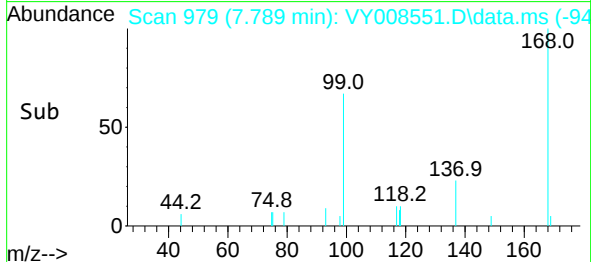
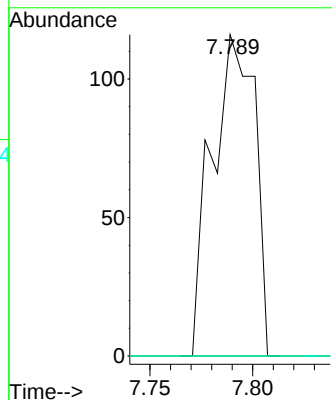


#38
Carbon Tetrachloride
Concen: 3.328 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008551.D
Acq: 28 Apr 2022 16:33

Instrument :
MSVOA_Y
ClientSampleId :
MH-15D

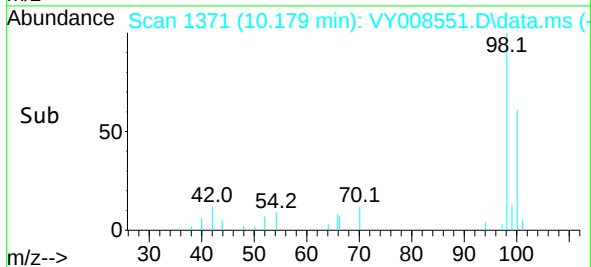
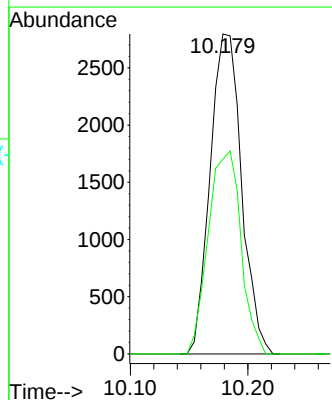
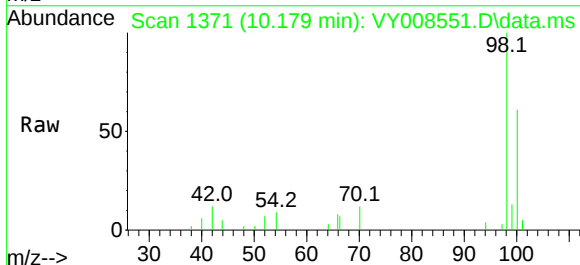


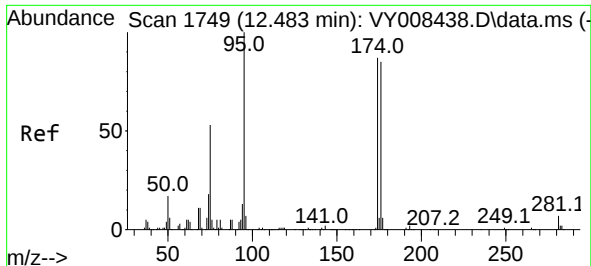
Tgt Ion:117 Resp: 169
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 42.855 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008551.D
Acq: 28 Apr 2022 16:33

Tgt Ion: 98 Resp: 5208
Ion Ratio Lower Upper
98 100
100 65.8 50.2 75.2

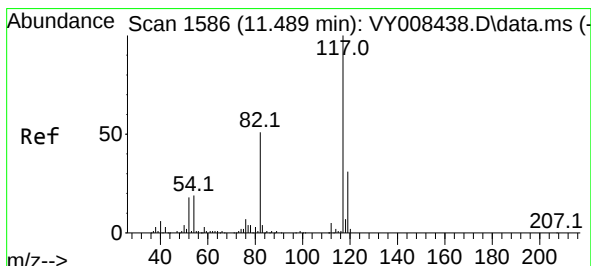
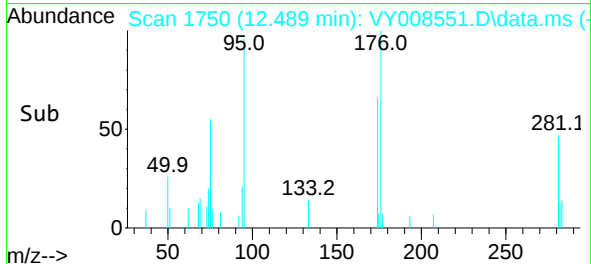
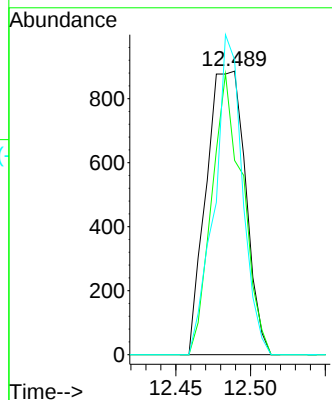
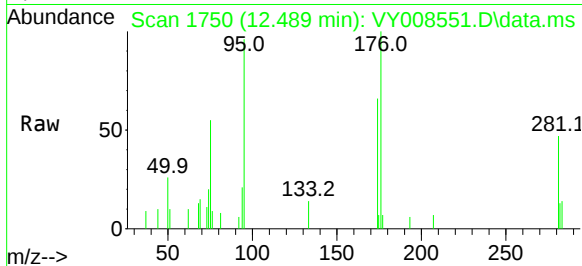




#62
4-Bromofluorobenzene
Concen: 39.033 ug/l
RT: 12.489 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY008551.D
Acq: 28 Apr 2022 16:33

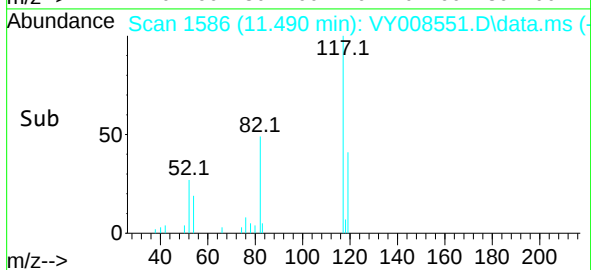
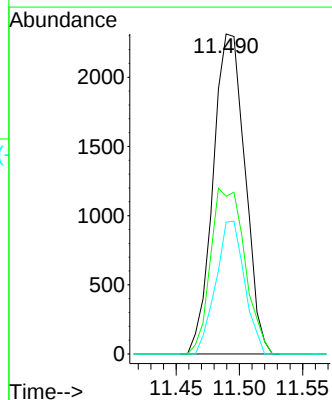
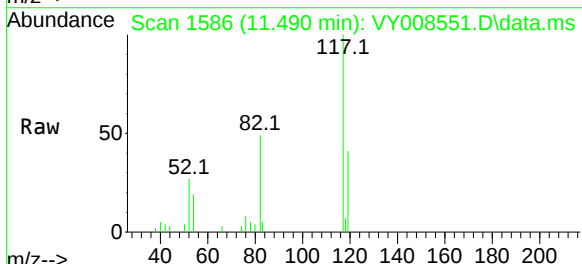
Instrument :
MSVOA_Y
ClientSampleId :
MH-15D

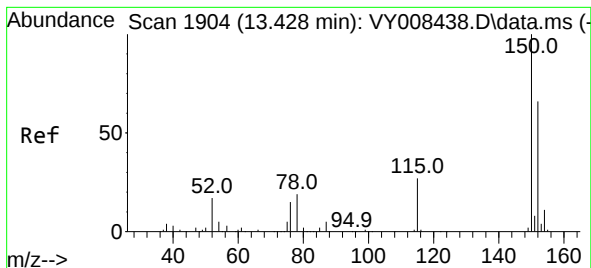
Tgt Ion: 95 Resp: 1615
Ion Ratio Lower Upper
95 100
174 77.6 0.0 177.0
176 80.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008551.D
Acq: 28 Apr 2022 16:33

Tgt Ion: 117 Resp: 4052
Ion Ratio Lower Upper
117 100
82 49.3 43.0 64.4
119 41.2 25.4 38.0#

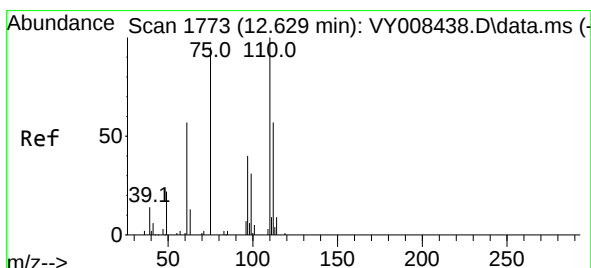
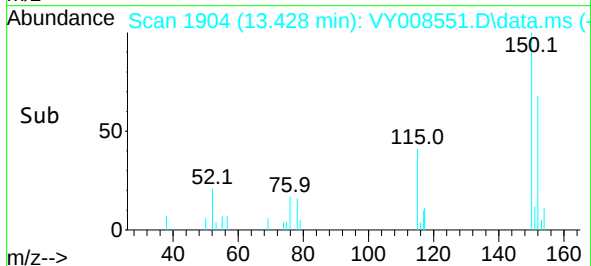
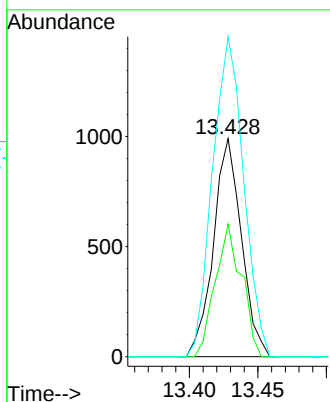
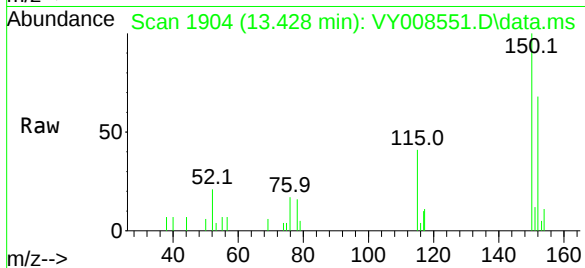




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008551.D
 Acq: 28 Apr 2022 16:33

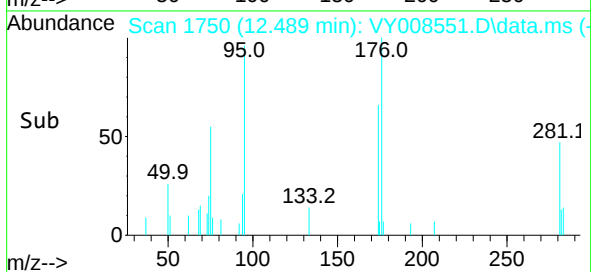
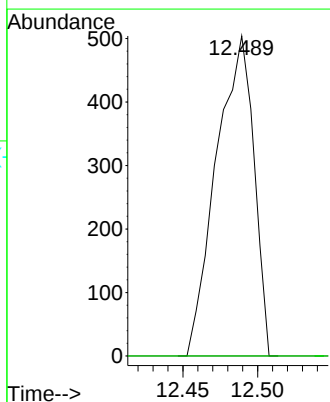
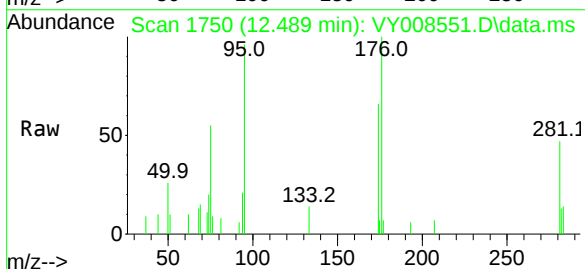
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 MH-15D

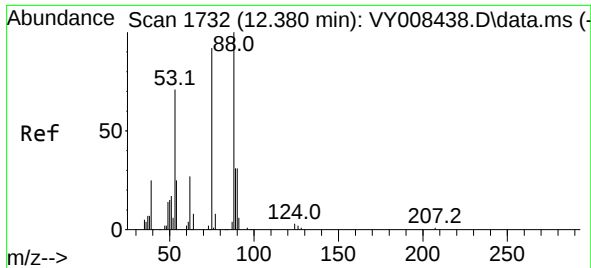
Tgt Ion:152 Resp: 1408
 Ion Ratio Lower Upper
 152 100
 115 57.0 28.2 84.7
 150 162.9 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 48.239 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. -0.140 min
 Lab File: VY008551.D
 Acq: 28 Apr 2022 16:33

Tgt Ion: 75 Resp: 879
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 111.909 ug/l
 RT: 12.489 min Scan# 11
 Delta R.T. 0.109 min
 Lab File: VY008551.D
 Acq: 28 Apr 2022 16:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-15D

Tgt Ion: 75 Resp: 879
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

